

Ground. Well

1904-5

10

149

10

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1998

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10

10



Ironwood. Wall  
Birds seen  
minus, nest of *Hoxistoma*

*Leontis*, *Dend. nigra* etc.  
*Empidonax* sp. *Amphispiza*  
*Amphispiza*, *Amphispiza*, *Amphispiza*

Define geologically

Horizon

Epoch

Era

Fauna

Epoch, a period of great events

Era, a period of a new order of events

Horizon, the space or time during which a deposit was made

Period, one of the great divisions of geological time



Age Era

Cenozoic

Quaternary

Pleistocene

Pliocene

Miocene

Tertiary

Oligocene

Eocene

Mesozoic

Cretaceous

Jurassic

~~Triassic~~

Paleozoic

Ironwood. Wall

Birds seen

Minus, nest of *Toxistoma*

*leucotis*, Sund. *viridis* etc.

*Euphonia* sp. *Amphispiza*

*Zonotrichia*, several

*Myiophobus*, several

(*Myiophobus* found above)

*Zonotrichia*, several

*Phainopepla*

Coastal *Hammon*

*Lanius borealis*

*Carpodacus mexicanus*

Seen in Split Mtn

*Cathartes aura*, Not com

*Zonotrichia*, common

*Buteo borealis*, 2 seen

Birds v. *pacificus*, Heard

*Trochilus alexandri* or *costae*

probably both, *Sayornis nigra*

*Zonotrichia*, migrating

*Microtus melanoleucus*  
*Carpodacus m. frontalis*  
*Plainscoptes*, *Wilsonia*, *myz.*  
*aurifrons*.

(Tall. Sparrow Hawk, Costa  
Hummer, Parkman's Wren  
Swift, Blackcap.)

Split Mountain  
April 15-18 1905

We saw ~~some~~ tracks of  
two, or more probably four,  
Bighorns. They appeared to  
wander all over the middle  
and upper part of that  
particular mountain. There  
had been plenty of water  
from the rains, and at  
this time there was



water in several places  
in the lower gulches. On the  
south side of the big <sup>big</sup> <sup>big</sup> <sup>big</sup>  
unfolding crest of this mountain  
there is a large bluish  
deposit of fossil gypsum.  
The rain water has cut  
deep narrow channels in  
the gulches in this gypsum  
and there was running  
water seeping out of the  
mass in its deepest crevices.  
The Big Horns had drunk  
two or three times recently  
at the lower ends of  
these <sup>with</sup> streams, but apparently  
not regularly. <sup>67th</sup> After reaching  
the crest of the mountain  
we divided. I looked over  
the lower southern slope  
and Carl and Charlie  
went back to the water  
and got a drink while

Then they heard stores  
rolling and saw two men  
each with a lamb, at some  
yards distance, they shot  
one of the men. The other  
came the forenoon of the  
18th, going out south to  
Carrizo Creek, just outside  
the mountain I missed  
the road, taking a gulch  
that led us back up  
toward the gypsum bed,  
While hunting the road  
Charlie found a lamb.  
Heat, and chased it, I  
saw him and got after  
it. Between us we find  
it out so that Charlie  
got hold of it, and we  
have it with us alive.  
It appears to be about  
three weeks old, and



it is no doubt the desert  
of the sea shot yesterday  
a mile away, having wandered  
down into the hills in the  
edge of the glacier. It is  
about the size of an  
Allen Hare, and weighs  
perhaps 5 pounds. It is  
a weasel. The mother was  
a dirty white, probably  
much faded from the  
fresh pelage colors, and  
was shedding her coat.  
The young is a light  
ash gray, white on the  
hips, with a dark gray  
line on the top of the  
neck and withers, and  
with tail and a narrow  
stripe extending up on  
the rump dull black.  
Its blast is a "m-a-a-h"

that can be heard but a  
short distance, about as  
loud as one speaks in a  
rather low tone. It has  
accepted the situation  
readily, and likes our  
company rather than our  
absences. It is not often  
restless and lies quietly  
most of the time. Last  
night it ~~do~~ got up two  
or three times, being tired  
so that it could just  
reach two of us, and  
come to us when we  
spoke in answer to its  
little bleats, soon lying  
down contentedly again.  
It did not seem to  
sleep as much last  
night as it does today.

(14)

Aug 24th. Started from  
 Junction City at 2 P.M.  
 Drove to Chipmunk Creek  
 by 7 P.M. 13 miles. No H. or

25th. Started early.  
 Camped near Solomon River. No  
 on Solomon River. No  
 10 teams "Harrowed Road" Killed  
 a Field Squirrel, a Woodchuck  
 Pinnated Grouse. Camped  
 about two o'clock. Collected  
 guns &c.

26th. Started in good  
 season. When we got  
 about five miles west of  
 Salina the road split. I took it  
 but not and entered  
 it two miles to a black-  
 smith shop and he sent  
 me on three miles farther



where I got a new one put  
in. Got back to camp after  
dark. Fixed up and drove  
on to Bawana and camped  
for the night. Made some  
teams. H. B. Killed 2 Chukars  
27th. Went to the blacksmith  
shop and finished putting on  
the axle. Killed 4 I small  
Found a team going to  
Colorado and joined in  
with them. Camped at  
Pt Barker. Met 8 H. B.

28th. Started late.  
Got dinner on Buffalo Creek.  
The folks in the other wagon  
let fire get out, which  
would have been a ser-  
ious one if our old man  
had not stopped it.

Camped for the night  
near Wilsons. Met 4 H. Bs.  
Killed 1 Rabbit and 9 Snails  
29th. Started early

Took the lead. Drove to the  
mouth of Fossil Creek.

Met 5 H. Bs. Killed 2 Plover.  
Will. left the road to hunt  
up the river to camp, but  
missed it and laid  
out all night.

30th. Laid in camp  
all day.

31st Started late.  
Got dinner on Walkers  
Creek. Camped for the  
night early on Big Creek  
7 miles below Fort Hays.  
Killed 2 Mountain Plover.  
Caught some fish for supper.

Left Ft. Drove to  
1 mile east of Ellis  
saw some Antelope today.  
2nd Rained a little  
last night, and misted some  
all day. Killed 1 Pinnated  
Grouse, 1 Muskrat, 3 Snipe  
and 1 Teal. Set some traps.

3rd Rained all night  
and most of the day. Caught  
2 Muskrat and shot 4 muskrats  
and 1 Teal.

4th Cleared up in the  
night. Started on. Drove  
to Parks Fort. Another town  
found no. Rolling prairie  
without wood, water or  
rocks in sight from the  
road. Grass looks better  
than I have seen east



further, but mostly  
burned by fire. Soil dark  
and looks rich. No signs  
of the Great American  
Desert yet. Looks as  
if chances of getting a crop  
were better here than any-  
where nearer than Salinas

5th Got dinner near  
Coyote, drove on <sup>to J 2 P Co</sup> four or five  
miles further and turned off  
the road to the Saline  
Set some traps and got  
one Muskrat before dark

6th. Said over.  
Caught one Muskrat  
and shot 1 more.  
Shot 4 ducks. Caught  
several Lampfish

7th Caught 1 Muskrat

No Beavers. Saw some  
Buffalo and four of us  
went after them horseback.  
Found four. Killed three  
of them and shot up the  
fourth badly but he  
got away, probably  
died in an hour.

Will and Budd went  
to camp and got my  
wagon and I staid and  
skinned. Took the hind  
quarters and cut up  
most of them to dry.  
Laid in camp the rest  
of the day.

8th. ... Budd in  
the morning. Weather looked  
bad but we had no wood  
so we pulled up and

drove to the R.R. at Buffalo Station. Got out before we got there. Got in an empty house. Rained hard and wind very high. Very disagreeable day.

9<sup>th</sup> Started on. Got dinner early, and dried our clothes some. Passed Grinnell in the afternoon. Camped by side of the track. Met T. H. B. Had the rheumatism in consequence of getting wet yesterday. Plenty of water in the Buffalo well was 10 ft. Passed Carlyle Junction and Monument in the P.M. Camped near the 500th mile post.

11<sup>th</sup> Passed Sheridan in the A.M., and Wallace P.M.



Pretty rough roads in the fore part of the day.

Rained in the afternoon some, camped a mile west of Wallace.

12th. Rained nearly all night, at times very hard. The wind was high and blew so hard that it broke one tent pole and let the tent down on us, so we went in "Bonds" wagon and set up the rest of the night. Had a very disagreeable time.

Drove about 12 miles and camped by side of track, Columbus and another team that we overtook this forenoon drove farther on. Misty most all day. Wind N. E.

13th. Laid over.

Rained nearly all day.  
Found the bones of a man  
near camp. Gathered them  
up and filed them in a  
wash and filed socks on  
them.

14th. Started on. Passed  
Monetary and the monument  
at the state line in the fore-  
noon and Arapahoe afternoon.  
Met 7 Stampiders. Cactus  
of various kinds very abun-  
dant.

15th. Passed Chynne Wells  
in the morning and got dinner  
just beyond First View.

Weather was clear excepting being  
a little smoky. We could not  
see the "Peak". Met Gallagher and

Passed Kit Carson in the  
afternoon

16th. Will, Budd and  
I concluded to stop and  
hunt Buffalo a few days,  
so we rigged up and  
started out north at noon  
leaving the women in an  
empty house in Carson.  
Camped about 15 miles  
out.

17th. Drove on north  
saw some Buffalo in  
the forenoon. Budd and  
Will shot and missed.  
Afternoon hunted for  
water but found none  
and were forced to drive  
back to a little pool we  
saw in the forenoon.



On the way Budd & Will  
killed two Buffalo cows  
18th. Blondy and  
mistled some in the  
morning. Budd and  
Will hunted all the forenoon  
but killed nothing.

Put some Strychnine  
in the carcasses that  
we killed yesterday  
19th. Looked for wolves

but found none although  
they had eaten one carcass

Started back for Carson

Saw a herd of Buffalo  
and got a few shots but  
killed none. Then Budd

and Will run them horse-  
back and killed two near  
our old camp. Skinned  
them and took one head.

camp near Big Springs  
20th. Drove to town  
forenoon. Worked at the  
head afternoon.

21st Started on.  
Drove about ten miles  
and camped on the Sandy  
Met 3 Stampedeers.

22nd. Passed Wild  
Horse forenoon and Arroyo  
afternoon. Met 1 Stampedeer

23rd Passed Mirage  
forenoon and Hugo afternoon.

24th Saw Pike's Peak  
this morning very plainly  
It looked like a very white  
cloud low in the horizon  
But the outline and shadows  
were sharper and clearer  
than they would have been  
in a cloud. Passed

Lake forenoon and River Bend  
afternoon. Killed 2 Cottontails  
25th. Drove through very  
hilly country in the forenoon.  
Passed Godfrey and Logate  
Killed a female Antelope  
in the forenoon. Met one  
Stampeder.

26th. Started in fair  
season. Drove to Kiowa but  
did not get to camp until dark.  
The mountains were very  
plain in view most of the  
day. We could see them  
for nearly 200 miles in  
length. Killed a Badger  
Met 2 Stampeders, At Deer  
Trail some men was camped  
and by his tent was quite a pile  
of Antelope skins. We met him  
I think with a telescope sight.



27th Started in good season. Followed the old Stage route. Camped at a little lake six miles from Denver.

28th Got in Denver early in the morning. Camped at the foot of 19th street on the bank of Platte river. Looked around town the rest of the day traded off our old arms for a shotgun. Bought ammunition and provisions for a trip up the mountains.

29th. Started for Colorado Springs in the afternoon. Camped by side of a ditch. Will conclude to wait a few days and look for a job in town.

30th . Had a Billy  
 road most of the day  
 Killed a Jay different  
 from any that I have  
 ever seen before. also  
 a Woodpecker of the kind  
 I have seen come from  
 California. Also a  
 Western Ground Robin  
 Also a Squirrel like  
 a Chipmunk. Saw a  
 larger Squirrel and  
 some Magpies.

Oct 1st Drove up  
 Pluma Creek all day.  
 Killed another kind  
 of Jay. Mules got  
 quite fagged. Camped  
 near a very cold spring  
 at Divide, the  
 head of Monument Creek

2nd. Drove to the  
 Fontaine qui Bouille  
 just below Hamilton.  
 Had pretty hilly roads  
 in the afternoon and  
 the mules nearly played  
 out. The scenery in  
 the afternoon was the  
 grandest I ever saw.  
 3rd. Climbed up  
 the mountain in the  
 forenoon until I got  
 tired, and didn't get  
 near the top then. The  
 gravel makes hard  
 climbing. Shot two  
 squirrels and a rabbit.





48







Jan 1 1840

16  
80  
14  
90  
200

20  
90

